

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: November 18, 2004

(use as many sheets as necessary)

Complete if Known

Application Number 09/508,377
Filing Date 06/09/2000
First Named Inventor Zhongyi LI
Group Art Unit 1638
Examiner Name S. Baum
Attorney Docket Number 017227-0195

Sheet 1 of 2

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|----------------------|---|--|--|--|
| | | Number | Kind Code ² (if known) | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|--|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
|-----------------------|--------------------------|--|----------------|
| <i>B</i> | B1 | Morell, MK. et al (1995). The biochemistry and molecular biology of starch synthesis in cereals. Aust J Plant Physiol 22:647-660. | |
| | B2 | Rahman, S. et al (1995). The major proteins of wheat endosperm starch granules. Aust J Plant Physiol 22: 793-803. | |
| | B3 | Rahman, S. et al (1997). A complex arrangement of genes at a starch branching enzyme I locus in the D-genome donor of wheat. Genome 40:465-474. | |
| | B4 | Rahman, S., et al (1993). Molecular analysis of starch synthesis in Triticum tauschii. Proceedings of the 43rd Australian Cereal Chemistry Conference. (Sydney. Ed. C.W. Wrigley) Pp 332-333. | |
| | B5 | Morell, M.K., et al (1995). Starch branching enzymes in developing wheat endosperm. Proceedings of the 45th Australian Cereal Chemistry Conference. (Eds. Williams, Y.A. and Wrigley C.W.) pp 135-139. | |
| | B6 | Rahman, S., et al (1995). The major proteins of wheat starch granules. Proceedings of the 45th Australian Cereal Chemistry Conference. (Eds Williams Y.A. and Wrigley, C.W.) pp 133-134. | |
| | B7 | Rahman, S., et al (1996). A complex arrangement of genes at a starch branching enzyme-I locus in the D-genome donor of wheat. In: Cereals '96, C.W. Wrigley(ed), Proceedings 46th Australian Cereal Chemistry Conference (Sydney: September 1-6, 1996) pp 231-233. | |

Examiner
Signature

S. Baum

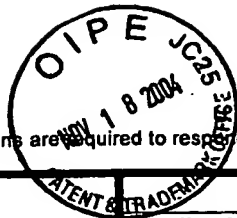
Date
Considered

12/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 18, 2004

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-------------|
| Application Number | 09/508,377 |
| Filing Date | 06/09/2000 |
| First Named Inventor | Zhongyi Li |
| Group Art Unit | 1638 |
| Examiner Name | S. Baum |
| Attorney Docket Number | 017227-0195 |

Sheet 2 of 2**U.S. PATENT DOCUMENTS**

| | U.S. Patent Document | |
|-----|---|--|
| B8 | Li, Z., et al (1997). Advances in wheat genetic engineering-increased transformation efficiencies and the first field release. Proceedings of the 47th Australian Cereal Chemistry Conference. (Eds. A.W. Tarr, A.S. Ross and C.W.Wrigley). pp 22-26. | |
| B9 | Rahman, S., et al. (1997). Structure of starch branching enzyme genes from T. tauschii. Proceedings of the 47th Cereal Chemistry Conference. (Eds. A.W. Tarr, A.S. Ross and C.W.Wrigley).pp 360-364. | |
| B10 | Rahman, S., et al (1998). Structure of branching enzyme genes in wheat. Proc. 4th Asia-Pacific Conference on Agricultural Biotechnology, Darwin. 13-16 July 1998. Pp 388-390. | |
| B11 | Rahman, S., et al (1999). Characterisation of gene encoding wheat endosperm starch branching enzyme-1. Theor. App. Genet. 98: 156-163. | |
| | | |

Examiner
SignatureDate
Considered

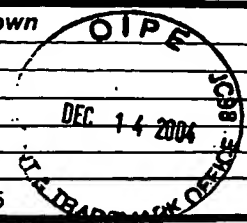
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

002.1298115
1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|-------------|----------------------|------------|
| Substitute for form 1449B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 14, 2004 (use as many sheets as necessary) | | Application Number | 09/508,377 |
| | | Filing Date | 06/09/2000 |
| | | First Named Inventor | Zhongyi LI |
| | | Group Art Unit | 1638 |
| | | Examiner Name | S. Baum |
| Attorney Docket Number | 017227-0195 | | |
| Sheet | 1 | of | 1 |



| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|--|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| <i>db</i> | D1 | | WO 97/22703 A | | KLEIN THEODORE MITCHELL et al. | 6/26/1997 | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|---|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ⁶ |
| | D2 | Supplementary-Partial-European Search Report <i>considered, not appropriate for printing</i> | | | |
| b | D3 | Database GENEMBL April 9, 1997 CHIBBAR, R.N.: "T. Aestivum mRNA for starch branching enzyme I", XP002301159 Database Accession No. Y12320 *ABSTRACT | | | |
| | D4 | Anne REPELLIN et al., "Isolation and characterization of a cDNA for a type I starch branching enzyme from developing wheat kernels", CEREAL FOODS WORLD, vol. 41, no. 7, 1996, pp. 564, XP008037158 & 81 ST ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF CEREAL CHEMISTRY; BALTIMORE, MARYLAND USA; SEPTEMBER 15-19, 1996, ISSN: 0146-6283. | | | |
| | D5 | KAWASAKI T et al., "MOLECULAR ANALYSIS OF THE GENE ENCODING A RICE STARCH BRANCHING ENZYME", MOLECULAR AND GENERAL GENETICS, SPRINGER, VERLAG, BERLIN, DE 1993, pp 10-16, XP002923868 ISSN: 0026-8925. | | | |
| | D6 | CHIBBAR RAVI et al., "Molecular cloning and characterization of starch branching enzyme genes from wheat", CEREAL FOODS WORLD, vol. 41, no. 7, 1996, pg. 587, XP008037159 & 81 ST ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF CEREAL CHEMISTRY, BALTIMORE MD, USA; SEPTEMBER 15-19, 1996 ISSN: 0146-6283 *ABSTRACT | | | |
| | D7 | KEN-ICHIRO TANAKA et al., "STRUCTURE, ORGANIZATION AND CHROMOSOMAL LOCATION OF THE GENE ENCODING A FORM OF RICE SOLUBLE STARCH SYNTHASE", PLANT PHYSIOLOGY, AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE, MD. US, vol. 108, no. 2, June 1, 1995, pp. 677-683 XP000565743; ISSN: 0032-0889. | | | |
| | | | | | |

| | | | |
|--------------------|----------------|-----------------|----------|
| Examiner Signature | <i>S. Baum</i> | Date Considered | 12/10/05 |
|--------------------|----------------|-----------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.